

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)	
	)	
Dwain E. Morse et al.	)	
	)	Docket No. MARVIN-44024
Serial No.	)	
	)	
Filed: Concurrently	)	
	)	
For:SYSTEM AND METHOD OF GAS	)	
ENERGY MANAGEMENT FOR	)	
PARTICLE FLOTATION AND	)	
SEPARATION	)	
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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.97, enclosed are copies of PTO Form PTO-FB-1449 listing references cited in connection with a parent application Serial No.10/270,995, filed October 14, 2002 AND 10/180,216, FILED June 25, 2002. Copies of these references are not provided herewith pursuant to 37 C.F.R. §1.98(d).

It is respectfully requested that the references listed on the enclosure be considered in the examination of this application and that their consideration be made of written record in the application file.

Respectfully submitted,

KELLY BAUERSFELD LOWRY & KELLEY, LLP

By 

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Scott W. Kelley  
Reg. No. 30,762  
Attorney for Applicants

SWK:KR  
Enclosures

6320 Canoga Avenue  
Suite 1650  
Woodland Hills, CA 91367  
(818) 347-7900

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	
Filing Date	Concurrently
First Named Inventor	Dwain E. Morse
Art Unit	
Examiner Name	
Attorney Docket Number	MARVIN-44024

Sheet 1 of 2**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,022,696	05-10-1977	Krofta	
		US- 5,538,631	07-23-1996	Yeh	
		US- 4,279,743	07-21-1981	Miller	
		US- 4,838,434	06-13-1989	Miller	
		US- 4,997,549	03-05-1991	Atwood	
		US- 6,106,711	08-22-2000	Morse	
		US- 6,171,488	01-09-2001	Morse	
		US- 4,339,027	07-1982	Lauer	
		US- 4,397,741	08-1983	Miller	
		US- 4,744,890	05-1988	Miller	
		US- 5,139,663	08-1992	Maples	
		US- 5,151,177	09-1992	Roshanravan et al.	
		US- 5,160,610	11-1992	O'Reilly	
		US- 5,199,684	04-1993	Maples	
		US- 5,224,604	07-1993	Duczmal et al.	
		US- 5,275,732	01-1994	Wang et al.	
		US- 5,382,358	01-1995	Yeh	
		US- 5,492,630	02-1996	Roshanravan et al.	
		US- 5,529,190	06-1996	Calton et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		2073637	10-1971			
		2525550	12-1976			
		4136935	05-1993			
		2000054	06-1977			
		2035150	06-1978			
		2116457	03-1983			

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet **2** of **2****U. S. PATENT DOCUMENTS**

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,529,701	06-1996	Grisham et al.	
		US- 5,531,904	07-1996	Grisham et al.	
		US- 5,662,790	09-1997	Carlton et al.	
		US- 4,067,813	01-1978	Pielkenrood	
		US- 4,377,485	03-1983	Krofta	
		US- 5,120,435	06-1992	Fink	
		US- 5,160,611	11-1992	Krofta	
		US- 2,360,811	10-1944	Kelly et al.	
		US- 3,917,526	11-1975	Jenning	
		US- 5,514,2882	05-1996	Hibbard et al.	
		US- 5,591,348	01-1997	Felder et al.	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 91/15302	10-1991			
		WO 94/17920	08-1994			
		WO 97/20775	06-1997			
		919999	04-1982			
		1555293	04-1990			
		96/12678	05-1996			

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